



Recombinant Human Kinesin-like protein KIF22 (KIF22)

Product Code	CSB-EP619894HU
Abbreviation	KIF22
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q14807
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAAGGSTQQR RREMAAASAA AISGAGRCRL SKIGATRRPP PARVRVAVRL RPFVDGTAGA SDPPCVRGMD SCSLEIANWR NHQETLKYQF DAFYGERSTQ QDIYAGSVQP ILRHLLEGQN ASVLAYGPTG AGKTHTMLGS PEQPGVIPRA LMDLLQLTRE EGAEGRPWAL SVTMSYLEIY QEKVLDLLDP ASGDLVIRE CRGNILIPGL SQKPISSFAD FERHFLPASR NRTVGATRLN QRSSRSHAVL LVKVDQERERL APFRQREGKL YLIDLAGED NRRTGNKGLR LKESGAIN TFVVGKVVDA LNQGLPRVPY RDSKLRLLQ DSLGGSASHSI LIANIAPERR FYLDTVSALN FAARSKEVIN RPFTNESLQP HALGPVKLSQ KELLGPPEAK RARGPEEEEEI GSPEPMAAPA SASQKLSPLQ KLSSMDPAML ERLSLDRLL ASQGSQGAPL LSTPKRERMV LMKTVEEKDL EIERLTKKQK ELEAKMLAQK AEEKENHCPT MLRPLSHRTV TGAKPLKKAV VMPLQLIQEQ AASPNAEIH LKNKGRKRKL ESLDALEPEE KAEDCWELQI SPELLAHGRQ KILDLLNEGS ARDLRSLQRI GPKKAQLVIG WRELHGPFSSQ VEDLERVEGI TGKQMESFLK ANILGLAAGQ RCGAS
Source	E.coli
Target Names	KIF22
Protein Names	Recommended name: Kinesin-like protein KIF22 Alternative name(s): Kinesin-like DNA-binding protein Kinesin-like protein 4
Expression Region	1-665
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This protein is a member of kinesin-like protein family. This family of proteins are microtubule-dependent molecular motors that transport organelles within cells and move chromosomes during cell division. The C-terminal half of this protein has been shown to bind DNA. Studies with the Xenopus homolog suggests its



essential role in metaphase chromosome alignment and maintenance.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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